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MEMORANDUM

DATE: January 5, 1983

MAR 16 1983

TO: Land Division File

E.P.A. — D.L.P.C.
STATE OF ILLINOIS

FROM: Gerald E. Steele, DLPC/FOS-Central Region *ges*

SUBJECT: LPC #1-10-16 [REDACTED] (31-4) [REDACTED]

An inspection of the Buerkett 31st Street Landfill was conducted on January 5, 1983, by this author. Ms. Barbara Ballard from the headquarter's office accompanied me. I spoke with Mr. Willie Buerkett at the conclusion of the inspection.

Pits A and B are still in need of additional final cover. No work is apparent on the south slope of pit A, hence, continuing the final cover violation. Refuse was observed protruding through available cover in the central level area and south central slope of pit B. Leachate was observed flowing through a break in the berm and ponding at the south edge of the berm to pit B. This was within the stream's floodplain.

Leachate was also seen in the west central part of pit C. It flowed from this location to a pond in the northwest part of the pit. A pond of black odorous leachate was observed in the northeast part of pit C. A break in the berm was observed at the location of this pond. The "sump" used for runoff water was located just south of this leachate. The sump accepts drainage from most of the pit. Water in the sump was slightly discolored black, and a minor garbage odor was detected. It appeared that only a few inches of elevation separated the sump water from the leachate, and the leachate from the breach in the berm.

Additional hardfill and some demolition waste has been placed on and beside the pad which was constructed at the entrance to pit C. Some of the waste has been deposited in the stream channel. Wood, metal, and a small amount of foam were seen mixed with hardfill along the edges. Waste had been deposited in piles at the end of the pad making it unusable until the piles were leveled. A permit violation for refuse being placed closer to the stream than fifty (50) feet was charged. Another break in the berm was seen just west of this location.

The site has begun accepting flyash from Commonwealth Edison at Kincaid. This waste was recently reclassified from a special waste to general refuse. The flyash is being deposited

EPA Region 5 Records Ctr.



298766

LPC #16782516 - Sangamon County
Springfield/Buerkett #2 (31st Street)

in the ditch between the fence and the filled part of pit C. This may be located off of the permitted boundary. An unpermitted entrance/exit has been constructed in the southeast corner of pit C onto Dirksen Parkway. This was done by separating the chain link fence at a post, rolling up two sections, and removing the post in the middle. Mr. Buerkett said this was done to allow easy and quick exit for the trucks hauling flyash. He said there was no gate present. The permit also calls for over 600 feet of paved roadway to minimize mud and debris tracked onto public roads. This is not available from the area where flyash is dumped to the exit in the corner of the pit.

The active area is located in the north central part of the site. Refuse was observed protruding through available cover over the approximate eastern $\frac{1}{2}$ of the pit. The eastern $\frac{1}{4}$ needs one foot of intermediate cover, with the remaining filled area of C, including a strip along the south levee, needing additional daily cover. Large amounts of windblown litter, with some of it heavily weathered, was observed in the litter fences, site boundaries, and caught in vegetation in the stream channel. Flyash was being dumped from the top of the slope, with a nearly vertical working face.

GES/cp

cc: DLPC/FOS, Central Region
Land Enforcement Programs

ENVIRONMENTAL PROTECTION AGENCY, STATE OF ILLINOIS

L P C F C O 5 5 C
(1) (8) (9)

INSPECTION REPORT - SITE INVENTORY NO.

16782514
(11) (18)

Jengamon

Co. - L.P.C.

Region

C
(19)

Date 090985
(20) (25)

Springfield

Buerkett #2

(Location)

(Responsible Party)

Samples Taken: Yes () No ☒ Time: From 10:15 AM

Ground Water () Surface () Other () To 11:15 AM

Photos Taken: Yes (#17) No () Interviewed TRACE BUEKETT

Letter Sent (Yes or No) Y

(26)

Weather Partially Sunny 82°

Inspector D G L

(27) (29)

Previous Inspection 6-28-85

Previous Correspondence 10-15-84

Operating: Yes ☒ No ()

OPERATIONAL STATUS:

TYPE OF OPERATION:

AUTHORIZATION:

Operating ☒

Sanitary Landfill ☒

Storage ()

E.P.A. Permit ☒

Temporarily Closed ()

Random Dump ()

Salvage ()

Variance ()

Closed Not Covered ()

Other ()

A.C.D. ()

21 (d) ()

Closed and Covered ()

Quantity Received Daily (1-6) 3

Board Order ()

Apparent

Non-Compliance (5)

(30)

SITE EVALUATION

Leachate:	Ponded on site (X)	32
	Flowing on site (X)	33
	Seeping (X)	34
	Evidence of past flows (X)	35
	Observed garbage () refuse () in standing water (X)	36
	Flow entering surface water (5)	37
	Flow leaving site (1-3)	38
Board Order:	Apparent violation observed (5)	39
Court Order:	Apparent violation observed (5)	40
Permit:	One apparent violation (5)	41
	Additional apparent violation(s) (2)	42
Daily Cover:	Not provided on previously deposited refuse (5)	43
	Not provided on previous operating day (4)	44
	Inadequate depth over area ≥ 3 days operation (3)	45
	Inadequate depth over area ≤ 2 days operation (1-2)	46
Intermediate Cover:	Inadequate depth in required areas in acres (1-3)	47
Final Cover:	Inadequate depth 1-3 acres (1-3)	48
	Inadequate depth 3 or more acres (4)	49
	None 60 days after area closure (5)	50
	Unloading not supervised (3)	51
	Refuse not deposited at toe of slope ()	
	Inadequate spreading and compacting ()	
	Insufficient operable equipment on site as required () (2 ea. 2-8)	52
	Operational roads unsatisfactory ()	
	Blown Litter () dust nuisance observed () Odor detected () (1 ea. 1-3)	53
	Burning (4)	54
	Liquids () Solids () not permitted (5)	55
	Inadequate site restriction () Site concealment () (2 ea. 2-4)	56
	Inadequate: Shelter () Sanitary Facilities () Emergency Communications () (1 ea. 1-3)	57
	Scavenging by: Operator () Others () observed (1-3)	58
	Salvaging Observed (): Improperly conducted in: Location () Operation () Storage () (1-3)	59
	Evidence of vectors observed () (1-3)	60
	Other (1-3)	61

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